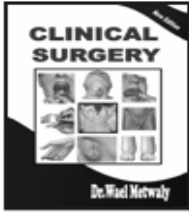
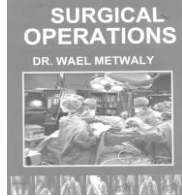
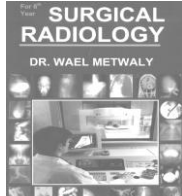


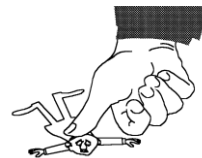
REVISION 1

BREAST DISORDER

BY DR. WÆEL METWALY

★ Clinical  - Chronic Breast Abscess - Fibroadenosis - Hard Fibroadenoma - Breast Cancer	★ Operative  - Radical Mastectomy - Acute Breast Abscess
★ Instruments	★ X-rays  - Soft tissue Mammography

EXAMS



A. Written Questions

B. Surgery sheet

A. WRITTEN QUESTIONS

2000 - Discuss **Bleeding** per nipple

2001 - Discuss causes of **nipple discharge**

2002 - Discuss Differential Diagnosis of **hard lump** in the breast.

2003 - Discuss Pathology of **cancer breast**

2005 - Discuss Differential diagnosis of **hard** mass in breast.

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- 2006 - Discuss **Breast abscess** (diagnosis & treatment)
- 2008 - Discuss DD of **hard** lump in the breast
- 2010 - Discuss management of **early breast cancer**
- 2011 - Discuss management of **nipple discharge**

B. SURGERY SHEET

- DD of nipple **discharge** .
- Investigations of a **mass** in the breast.
- Clinical picture and treatment of **acute breast abscess**.
- Causes and investigations of **bleeding** per nipple.
- **fibroadenosis** of breast.
- D.D of a **solid** mass in the breast .
- Management of **breast carcinoma**.
- DD of **cystic** swelling of the breast .
- **Benign** tumors of the breast.
- **Lymphatic** spread of carcinoma of the breast .

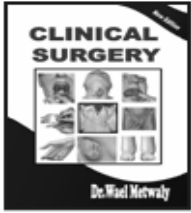
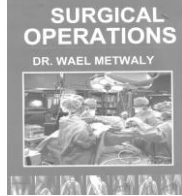
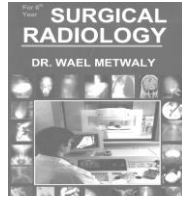
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Dr. WAEL METWALY

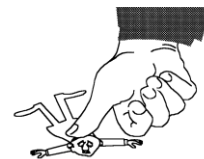
REVISION 2

THYROID DISORDER

BY DR. WAEL METWALY

★ Clinical  - Simple Nodular Goitre. - Toxic Goitre. - Malignant Goitre.	★ Operative  - Subtotal Thyroidectomy - Sistrunk's operation
★ Instruments	★ X-rays  - Thyroid scan.

EXAMS



A. Written Questions

B. Surgery sheet

A. WRITTEN QUESTIONS

2000 - Discuss **Thyroglossal cyst**.

2001 - Discuss blood supply of the **thyroid gland**

2002 - Discuss complications of **thyroidectomy**.

- 2003 - Discuss treatment of **solitary** thyroid nodule.
- 2004 - Discuss management of **solitary** thyroid nodule.
- 2005 - Discuss investigations of **thyrotoxic crisis**
- 2009 - Discuss management of **solitary thyroid nodule**.
- 2010 - Discuss **tumors** of thyroid gland
- Discuss ttt of **thyrotoxicosis**
- 2011 - Discuss diagnosis of the **thyrotoxicosis**

B. SURGERY SHEET

- **Anatomy** of the thyroid gland
- **Blood supply** and **lymph drainage** of thyroid gland.
- C/p & pathology of **papillary carcinoma** of the thyroid.
- Causes of **goiter**.
- Pathology and c/p of **malignant thyroid neoplasms**.
- Investigations of **thyrotoxicosis**.
- Investigations of **solitary** thyroid nodule.
- Pathology and C/p and investigations of **simple nodular goiter**
- Symptoms and signs of **thyrotoxicosis**.
- **Thyroglossal cyst** and **fistula**

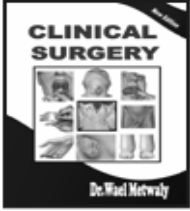
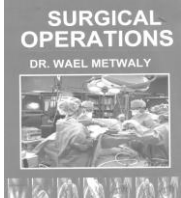
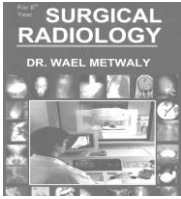
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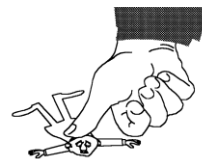
REVISION 3

ARTERIAL DISORDERS

BY DR. WÆEL METWALY

★ Clinical  - Atherosclerosis - Burger's disease - Diabetic foot	★ Operative  - Amputation
★ Instruments	★ X-rays  - Arteriography - <u>D</u>igital <u>S</u>ubtraction <u>A</u>ngiography (D.S.A.)

EXAMS



A. Written Questions

B. Surgery sheet

A. WRITTEN QUESTIONS

2000 - Discuss c /p, investigations of **embolus** of the femoral artery

B. SURGERY SHEET

- **Raynaud's** disease
- **Buerger's** disease
- Investigations of **chronic ischemia** of the lower limbs
- Causes, clinical picture, investigations and principles of ttt of **ischemia of lower limb**
- **Aneurysms** : causes and treatment
- c/p and treatment of **femoral aneurysm**
- Management of **diabetic foot**
- Symptoms of **femoral artery embolism**
- Investigations of a case of **diabetic foot**

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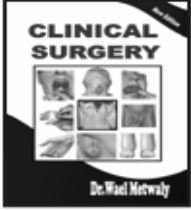
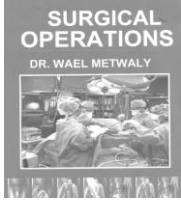
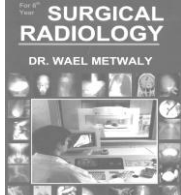
Dr. WAEL METWALY

REVISION 4

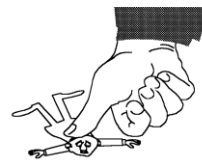
VENOUS & LYMPHATICS

SKIN & S.C. TISSUE

BY DR. WAEL METWALY

★ Clinical  - Varicose vein - Venous ulcer - Lymphedema - Lymphadenopathy - Lipoma - Dermoid cyst - Rodent ulcer	★ Operative  - Subcutaneous stripping for varicose vein
★ Instruments	★ X-rays 

EXAMS



A. Written Questions

B. Surgery sheet

Venous Disorders

A. WRITTEN QUESTIONS

- 2000 - Discuss chronic **venous ulcer** of the leg.
- 2001 - Discuss complications of **varicose veins** in the lower limb.
- 2003 - Discuss Differential diagnosis of **leg ulcer**.
- 2004 - Discuss clinical picture of **DVT**
- 2005 - Discuss causes **leg ulcers**
- 2007 - Discuss complication of **varicose veins** of lower limb.
- 2008 - Discuss management of **DVT**.
- 2010 - Discuss D.D of **chronic leg ulcer**
 - Discuss complications of **deep venous thrombosis**
- 2011 - Discuss Complications & management of **deep venous thrombosis**

B. SURGERY SHEET

- DD of **chronic leg ulcer**
 - Aetiology & clinical picture of **deep venous thrombosis**
 - Chronic **leg ulcer**
 - Complications of **varicose veins** of the lower limb
 - C/p & treatment of **varicose veins** of the lower limb
-

Lymphatic Disorders

A. WRITTEN QUESTIONS

- 2000 - Discuss clinical picture and diagnosis of **T.B. cervical lymphadenitis**.

B. SURGERY SHEET

- Clinical picture and investigations of **T.B lymphadenitis**.

- **DD** of **lymph node** enlargement.
- Causes, clinical picture and treatment of chronic **Lymphoedema** of the lower limb.
- C/p D D. and treatment of **T.B lymphadenitis** in the neck
- **DD** of **enlarged lymph node** in the neck

Skin & S.C. Tissue

A. WRITTEN QUESTIONS

- 2000 - Discuss Types and presentation of **hemangioma**
- 2001 - Discuss Basal cell carcinoma (**rodent ulcer**)
- 2002 - Discuss **Lipoma**
- 2006 - Discuss pathology & clinical picture of **rodent ulcer**

B. SURGERY SHEET

- **Melanoma** .
- Pathology of **malignant tumors of skin**.
- Sites, variants and complications of **lipoma**
- **Squamous** cell carcinoma
- **Dermoid** cyst
- **Sebaceous** cyst
- **Basal** cell carcinoma
- **Hemangioma**.
- **Neurofibromatosis**
- **Carpal tunnel syndrome**.

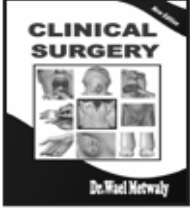
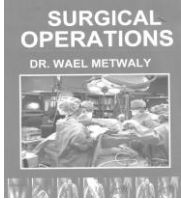
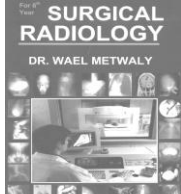
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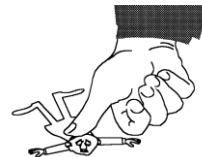
REVISION 5

HEAD & NECK DISORDERS

BY DR. WAEL METWALY

★ Clinical  - Cleft lip & Palate - Parotid gland swellings	★ Operative  - Parotid Abscess
★ Instruments	★ X-rays  - Submandibular stones. - Parotid Sialography - Sialiectasia - Jaw swellings (Odontomes) - Cervical Rib

EXAMS



A. Written Questions

B. Surgery sheet

SURGERY SHEET

- Pathology of **tumors of the tongue**.
- Treatment of **carcinoma of the tongue**
- D.D. of **ulcers** of the tongue
- Clinical picture and treatment of **submandibular salivary stone**.
- Clinical picture of **salivary calculi**
- D.D of swelling in the **middle line** of the neck.
- D.D of **mass** in the **lateral side** of the neck.

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Dr. WAEL METWALY

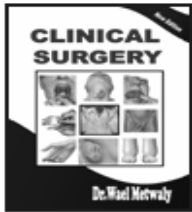
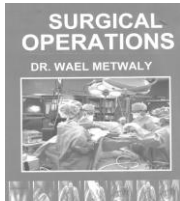
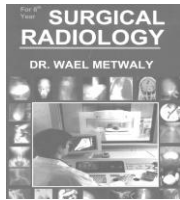
REVISION 6

WOUND, SHOCK, HGE

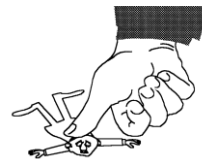
BLOOD TRANSFUSION

BURN & SURGICAL INFECTIONS

BY DR. WAEL METWALY

★ Clinical  -----	★ Operative  -----
★ Instruments -----	★  -----

EXAMS



A. Written Questions

B. Surgery sheet

1. **Wound, Hge, Shock & Blood transfusion**

A. **WRITTEN QUESTIONS**

- 2000 - Discuss management of patient involved in **road traffic accident**
- 2001 - Discuss indications of **blood transfusion**.
- 2003 - Discuss **complications of blood transfusion**
- 2004 - Discuss **complications of blood transfusion**
- 2006 - Discuss **complications of blood transfusion**
- 2007 - Discuss indications & complications of **blood transfusion**
- 2008 - Discuss **Hypovolemic** shock
- 2009 - Discuss factors affecting **wound healing**.
- 2010 - Discuss management of **oligaemic** shock
 - Discuss management of **septic shock**
- 2011 - Discuss etiology & complications of **septic** shock

B. **SURGERY SHEET**

- Factors affecting **wound healing**.
 - Management of **hemorrhagic shock**.
 - Indications and complications of **blood transfusion**.
 - Initial management of patient with **multiple injuries**
 - DD of **keloid**.
-

2. **Burn**

A. **WRITTEN QUESTIONS**

- 2003 - Discuss management of **40% burn**
- 2007 - Discuss early management of 30% **burn** .
- 2011 - Discuss management of a male patient with 40% **burn**.

B. SURGERY SHEET

- Management of **burns**.
- 1st. aid treatment of **burns**.
- Types and indications of **skin grafting**
- Early management of 50% **burns** in adult.

3. Surgical infections & Hand infections

A. WRITTEN QUESTIONS

2001 - Discuss clinical picture and prophylaxis against **tetanus**.

2008 - Discuss general principles of management of **hand infection**.

B. SURGERY SHEET

- **Hand infection**, principles of treatment.
- Causes and c/p of **tetanus**.
- Causes and c/p of **gad gangrene**.
- Prophylaxis against **tetanus**.
- Diagnosis, treatment, and complications of **web space infection**.
- Aetiology and management of **wound infection**.
- Prevention of **hospital infection**.
- Diagnosis of **acute infection of a finger**.
- Diabetic **carbuncle**
- Pathology, diagnosis and treatment of **carbuncle**

إزای تجاوب

- ★ Motor Car Accident
- ★ Stab wound in Femoral Δ
- ★ Crush injury of The thigh

I. PRE HOSPITAL MANAGEMENT

1. Ensure of patent Airway if patient is unconscious.
2. Control of Bleeding by compression.
3. Sterile dressing to prevent Contamination.
4. Immobilize the fractured part if associated.

II. HOSPITAL MANAGEMENT

A = Air way maintenance.

B = Breathing

- IPPB if Flail chest
- Tube in 2nd space if Pneumothorax
- Tube in 7th space if Haemothorax

C = Circulating i.e. control bleeding.

D = Disability

Any fracture must be **splinted** to decrease pain & to avoid soft tissue

E = Exposure

III. 1ST AID MANAGEMENT

➤ Anti-shock measures

As Warmth, Oxygenation, Morphia (Except with head trauma)

Then replacement therapy

According to classes of Hge

1. Class II → Ringer's lactate **3 times** the estimated defect about 3 liters
2. Class III or IV → Blood transfusion **equal** the estimated defect

➤ Antibiotics

➤ Anti-tetanic serum There are 2 possibilities

1. If patient received 3 doses & last one with 10 years.

A booster dose of Tetanus Toxoid (0.5 ml IM)

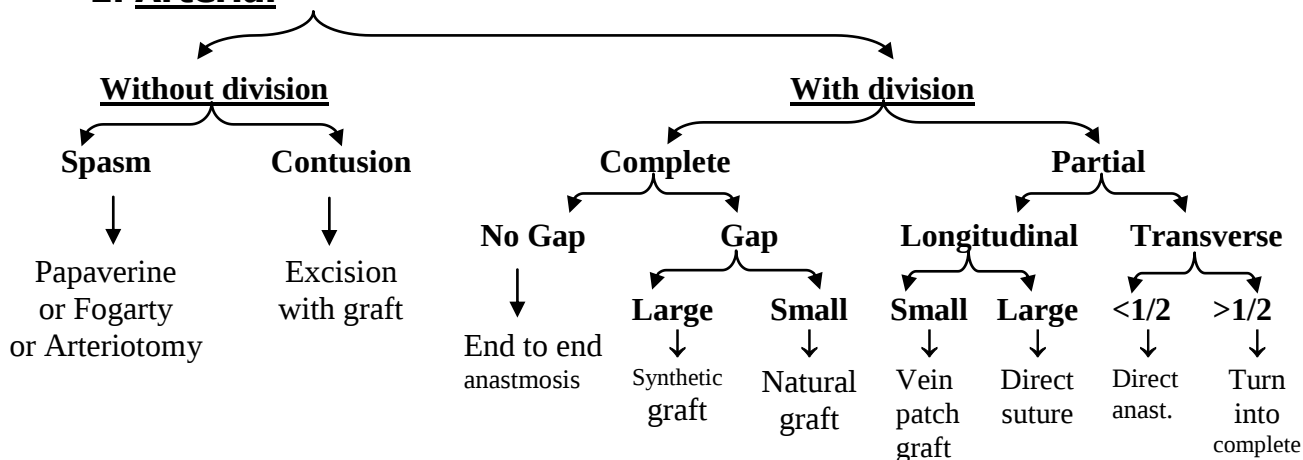
2. If patient not previously immunized

We start by Tetanus Toxoid (0.5 ml IM) + ITG Tetanus Immunoglobulin G

IV. DEFINITIVE TREATMENT

Exploration & Fasciotomy to prevent compartmental syndrome

1. Arterial



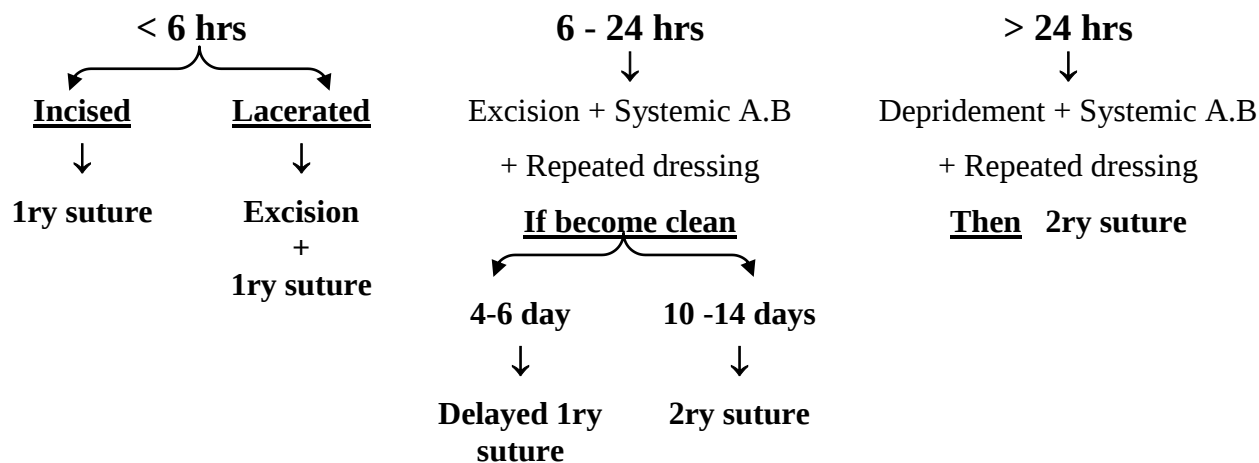
2. Vein: Should be repaired

3. Nerve: Repaired or left for another sitting

4. Muscle & Tendon: Are approximated

5. Bone: Associated Fractures must be stabilized

6. Skin closure (wound) According to onset of accident



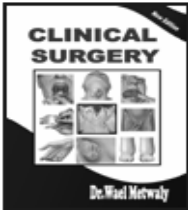
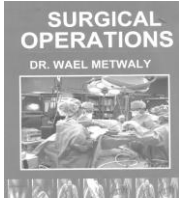
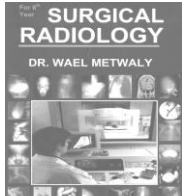
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Dr. Wael Metwally

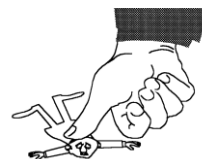
REVISION 7

OESOPHAGUS & STOMACH

BY DR. WÆEL METWALY

★ Clinical  -----	★ Operative  - TTT of chronic G.U & D.U
★ Instruments	★ X-rays  ➤ <u>Ba. Swallow:</u> - Corrosive Stricture - Achalasia - Cancer Oesophagus - Oesophageal Varices - Atresia ➤ <u>Ba. Meal:</u> - CHPS - Hiatus Hernia - G.U & D.U - Pyloric Obstruction - Pneumoperitonum - Cancer Stomach - Linitis Plastica

EXAMS



A. Written Questions

B. Surgery sheet

A. WRITTEN QUESTIONS

- 2001 - Discuss Enumerate causes of **upper G.I.T bleeding**
- 2003 - Discuss causes and diagnosis of **stomach cancer**
- 2004 - Discuss causes of **dysphagia**
- 2006 - Discuss cause of **dysphagia**
 - Discuss complications of **peptic ulcer**
- 2010 - Discuss management of **perforated** duodenal ulcer
- 2011 - Discuss management of **cancer stomach**

B. SURGERY SHEET

- Enumerate causes of **dysphagia**
- Investigations & ttt of **swallowed foreign body**.
- **Lower obstructive lesion in the esophagus**, diagnosis and lines of ttt
- Pathology, clinical picture, investigations & treatment of **carcinoma** of the **esophagus**
- **Arterial supply** of the stomach
- Causes and ttt of **pyloric obstruction**
- Diagnosis and treatment of **peptic ulcer** enumerate the complications
- Symptoms investigations and treatment of **duodenal ulcer**
- Symptoms of **perforated duodenal ulcer**
- Investigations chronic **duodenal ulcer**
- Management of **bleeding** peptic ulcer.
- Complications of **peptic** ulcer
- Diagnosis ,investigations and treatment of **pyloric obstruction** in adult
- Management of **upper GIT bleeding**.
- Etiology, pathology, c/p, investigations of **carcinoma of stomach**

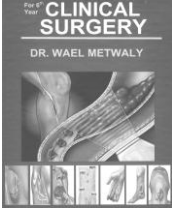
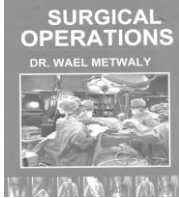
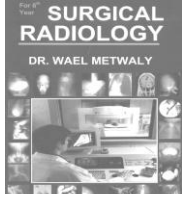
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Dr. Wael Metwaly

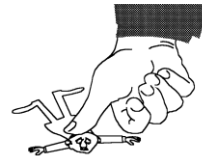
REVISION 8

PORTAL HYPERTENSION

BY DR. WAEL METWALY

★ Clinical  - Hepato-splenomegaly	★ Operative  - Management of bleeding Oesophageal Varices
★ Instruments	★ X-rays  ➤ <u>Ba. Swallow:</u> - Oesophageal Varices ➤ <u>Spleno-portography</u>

EXAMS



A. Written Questions

B. Surgery sheet

A. WRITTEN QUESTIONS

2000 - Discuss c/p, investigations and treatment of **hematemesis**

2008 - Discuss management of **bleeding esophageal varices**

2010 - Discuss C/P of **portal hypertension**

B. SURGERY SHEET

- **Anatomy** of the portal circulation.
- Diagnosis, investigations and management of **hematemesis**

GOOD LUCK

Dr. WAEL METWALY

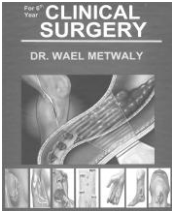
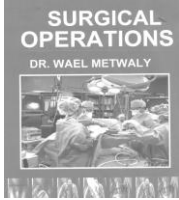
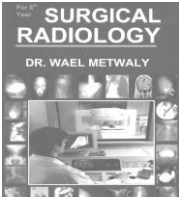
REVISION 9

SPLEEN, LIVER

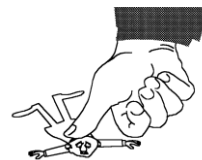
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GALL BLADDER

BY DR. WÆEL METWALY

★ Clinical  - Hepato-splenomegaly	★ Operative  - Splenectomy - Cholecystectomy
★ Instruments	★ X-rays  ➤ <u>CT scan:</u> - Hepatoma - Hydatid cyst ➤ <u>Plain X-ray</u> ➤ <u>Oral Cholecystography</u> ➤ <u>HIDA Scan</u>

EXAMS



A. Written Questions

B. Surgery sheet

A. WRITTEN QUESTIONS

- 2000 - Discuss complications of **gall stone**
- 2001 - Enumerate complications of **gall stone**
- 2002 - Discuss causes of **splenomegaly**
- 2007 - Discuss complications of **gall stones** .
- 2009 - Discuss complications of **gall stones**.
- 2010 - Discuss a 40 years old diabetic woman presented with persistent pain in the Rt. hypochondrium for one day . her temperature 38 c abdominal examination revealed tenderness and guarding in Rt. hypochondrium.
- 2011 - Discuss anatomy of the **spleen**.

B. SURGERY SHEET

- **Anatomy** of the **spleen**
- Discuss the etiology, c/p ,investigations and ttt of **rupture spleen**
- **Amoebic** liver abscess
- **Anatomy** of the **biliary system**
- Complications of **gall stones**
- Clinical picture and treatment of **cholecystitis**

GOOD LUCK

Dr. Wael Metwaly

REVISION 10

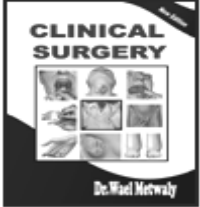
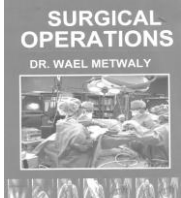
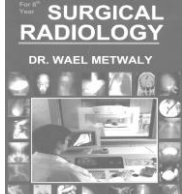
OBSTRUCTIVE JAUNDICE,

PANCREATITIS

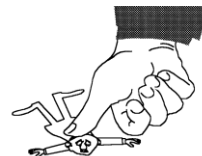
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PERITONITIS

BY DR. WAEL METWALY

★ Clinical  	★ Operative  - Exploration of CBD
★ Instruments 	★ X-rays  ➤ <u>ERCP</u> ➤ <u>PTC</u> ➤ <u>T.Tube</u> ➤ <u>CT scan:</u> - Cancer Head Pancreas

EXAMS



A. Written Questions

B. Surgery sheet

A. WRITTEN QUESTIONS

2011 - Discuss diagnosis of **obstructive jaundice**

B. SURGERY SHEET

- Investigations of a case of **obstructive jaundice**
- Methods of **investigations of the biliary tract**
- D.D of **obstructive jaundice**
- Clinical picture and investigations of **pancreatitis**.
- **Pancreatic cyst**
- Clinical picture and investigations of **acute hemorrhagic pancreatitis**

GOOD LUCK

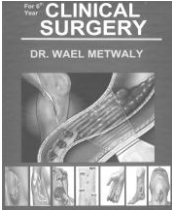
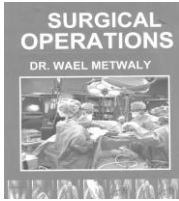
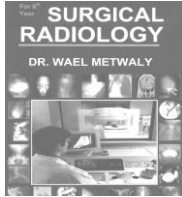
Dr. WAEL METWALY

REVISION 11

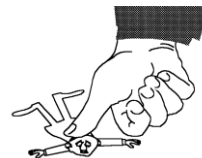
APPENDICITIS,

SMALL & LARGE INTESTINE

BY DR. WÆEL METWALY

★ Clinical  -----	★ Operative  - Appendicectomy - Abdomino-perineal Resection
★ Instrument	★ X-rays  ➤ <u>Ba. Meal follow through:</u> - Crohn's Disease ➤ <u>Ba. Enema:</u> - Cancer Colon - Ulcerative Colitis - Diverticulosis coli - Familial Polyposis Coli - Bilharzial Polyps

EXAMS



A. Written Questions

B. Surgery sheet

A. WRITTEN QUESTIONS

2011 - Discuss management of **colorectal carcinoma**

- Discuss management of **rectal prolapse** in children

B. SURGERY SHEET

- **Anatomy** of the **appendix**
- Treatment of **appendicular abscess** and **mass**
- DD of **acute appendicitis**.
- Complications of **appendectomy**.
- Complications of **Meckel's diverticulum**.
- Complications of **ulcerative colitis**
- **Crohn's** disease.
- Surgical complications of the **typhoid**
- **Bilharziasis** of sigmoid colon.
- Presentation of **carcinoma of the colon**.
- Pathology of **carcinoma of rectum**

GOOD LUCK

Dr. WAEL METWALY

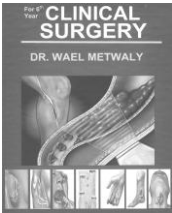
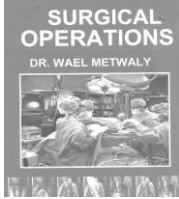
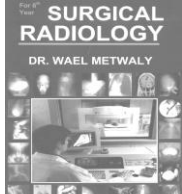
REVISION 12

INTESTINAL OBSTRUCTION

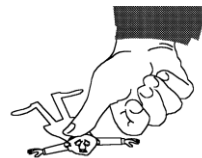
HERNIA

ANAL CANAL CONDITIONS

BY DR. WAEL METWALY

★ Clinical  - Hernia	★ Operative  - Hernia Operations - TTT of Strangulated Hernia - Hemorrhoidectomy - Anal Fistulectomy - TTT of Pilonidal Sinus
★ Instrument	★ X-rays 

EXAMS



A. Written Questions

B. Surgery sheet

1. HERNIA

A. WRITTEN QUESTIONS

2000 - Enumerate complications of **umbilical hernia**.

2001 - Discuss complications of **hernia**.

2002 - Discuss surgical anatomy of **inguinal canal**

2010 - Discuss anatomy of **femoral triangle**

2011 - Discuss complications of **inguinal hernia**

B. SURGERY SHEET

- Anatomy of the **inguinal canal**
- Anatomy of the **femoral sheath**
- Discuss c/p, investigations & treatment of **strangulated hernia**
- **Strangulated** femoral hernia
- **Strangulated** inguinal hernia .
- Treatment of **Strangulated** inguinal hernia .
- Treatment of **strangulated** umbilical hernia.

2. INTESTINAL OBSTRUCTION

A. WRITTEN QUESTIONS

2001 - Enumerate causes of **intestinal obstruction** in old age

2004 - Discuss clinical picture & treatment of **paralytic ileus**.

2005 - Discuss symptoms, signs & investigations of **acute intestinal obstruction**

2006 - Discuss **intussusception**

B. SURGERY SHEET

- C/p and investigations of **intussusception**
- Diagnosis, investigations & treatment of **intestinal obstruction**

in a patient aged 60 years etiology & pathology

- C/p& investigations of **large bowel obstructions** lines of ttt
- Causes, diagnosis and treatment of obstructive lesions at the **ileo-caecal** region.
- Diagnosis and treatment of **acute volvulus colon**
- Clinical picture of **low intestinal obstructions**.

3. Pediatric surgery

A. WRITTEN QUESTIONS

2009 - Discuss **neonatal pyloric obstruction**.

2011 - Discuss etiology **neonatal intestinal obstruction**

B. SURGERY SHEET

- **Congenital hypertrophic pyloric stenosis**.
- **Neonatal intestinal obstruction** (causes)
- **Imperforate anus**

4. ANAL CANAL

A. WRITTEN QUESTIONS

2000 - Discuss **perianal** abscess.

2010 - Discuss **perianal** suppuration

B. SURGERY SHEET

- **Fistula in-ano**
- **Peri-anal abscess**
- Complications and management of **piles**.
- Varieties and treatment of **peri-anal suppurations**.
- **Anal fissure**
- **Painful anal condition**.

5. Collections

A. WRITTEN QUESTIONS

- 2000 - Discuss c/p, investigations and treatment of **hematemesis**.
- 2001 - Discuss causes of **bleeding per rectum**
 - Differential diagnosis of a **mass** in **Rt.** iliac fossa.
- 2003 - Discuss Differential diagnosis of a **mass** in **Rt.** iliac fossa
- 2007 - Discuss **bleeding per rectum**.
- 2008 - Discuss DD of **mass** in **Rt.** Iliac fossa.
- 2010 - Discuss causes & management of **bleeding per rectum**
 - Discuss DD of **mass** in **left** iliac fossa

B. SURGERY SHEET

- Radiological investigations of **upper GIT**.
- Investigations of an adult with **rectal bleeding**
- Causes and investigations of **bleeding per rectum**
- D.D of **GIT bleeding**
- Causes of **massive GIT hemorrhage**.
- The **role of play x -ray** of acute abdomen
- Role of **Ultrasonography** in the diagnosis of abdominal lesions.
- D.D. of acute upper abdominal pain
- Causes of a **mass** in the **right** iliac fossa.
- D.D. of **mass** in **left** iliac fossa .
- D.D of a **mass** in the epigastrium.

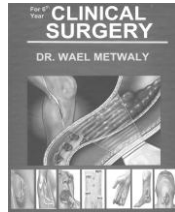
GOOD LUCK

Dr. Wael Metwaly

UROLOGY DISORDER

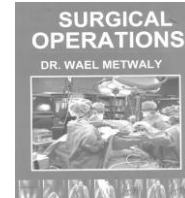
BY DR. WAEL METWALY

★ **Clinical**



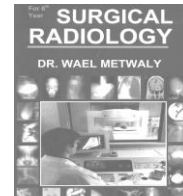
- Hypospadias

★ **Operative**



- Nephrectomy.
- Circumcision.

★ **Instruments**



➤ **Plain X-ray:**

- Urinary stones
- Calcification of U.B.
- Ectopia vesica

➤ **I.V.P:**

- Double ureter
- Ectopic & Ptosed kidney
- Horse shoe kidney
- Hydroureter & hydronephrosis
- Hypernephroma
- Polycystic kidney

➤ **Cystography:**

- Cancer U.B. & prostate

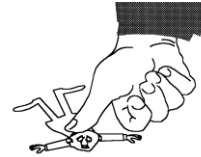
➤ **Urethrography:**

- Rupture urethra

➤ **CT scan:**

- Cancer U.B.

EXAMS



A. Written Questions

B. Surgery sheet

Symptomatology

A. WRITTEN QUESTIONS

- 2003 - Discuss **acute urinary retention**
- 2004 - Discuss causes & treatment of **acute retention of urine**
- 2005 - Enumerate causes of **haematuria**
- 2006 - Discuss **investigations of urinary tract**.
- 2007 - Discuss **acute retention** of urine .
- 2008 - Discuss diagnosis of **haematuria**.

B. SURGERY SHEET

- Investigations of a **mass of loin**.
- The data you can obtain from **I.V.P**
- common causes of **acute urinary retention** & management in the following 1-Old male 2-Young adult 3-Children
- Investigations and ttt of **haematuria**
- Causes & investigations of **haematuria**

Traumatic Disorders

SURGERY SHEET

- C/p ,ttt of **injuries to the kidney**.
- Describe types of traumatic **rupture of bladder**
- Management of **injuries of urethra**

Inflammation

SURGERY SHEET

- C/p & management of acute **pyelonephritis**.
- Pathology, c/p and ttt of **T. B** kidney.
- Pathology of **bilharziasis** of ureter and urinary bladder.

Urinary Stones & Obstructive Uropathy

A. WRITTEN QUESTIONS

- 2000 - Discuss causes and diagnosis of **hydronephrosis**
- 2001 - Discuss causes and treatment of **hydronephrosis**
 - Discuss complications of **senile enlargement of prostate**
- 2010 - Discuss bilateral **hydronephrosis**

B. SURGERY SHEET

- C/P of **stones** of the urinary tract
- C/p diagnosis and Complications of **stone** of right kidney.
- Diagnosis and management of right **renal colic** .
- C/p, ttt of **stone** ureter.
- Causes, investigations and ttt of unilateral **hydronephrosis**
- Anatomy of **prostate**.
- C/p and ttt of **senile enlargement of prostate**

Tumors

A. WRITTEN QUESTIONS

- 2011 - Discuss management of **hypernephroma**

B. SURGERY SHEET

- Diagnosis of **malignant tumor** of kidney
- Discus pathology diagnosis, ttt of **carcinoma** of the bladder.
- D.D of **renal swelling**.

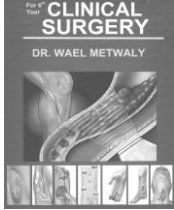
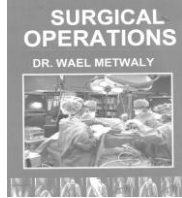
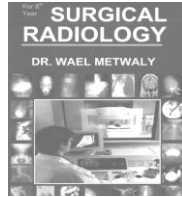
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Dr. WAEL METWALY

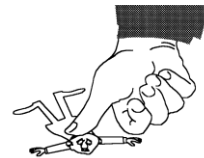
REVISION 14

INGUINO-SCROTAL

BY DR. WAEL METWALY

★ Clinical  - Undescended testis - Varicocele - Hydrocele	★ Operative  - Undescended testis - Varicocele - Hydrocele
★ Instruments	★ X-rays 

EXAMS



Written Questions

A. WRITTEN QUESTIONS

- 2000 - Discuss Differential diagnosis of **inguino-scrotal swelling**.
- 2006 - Discuss Differential diagnosis of **scrotal swelling**
- 2008 - Discuss causes & D.D of acute **scrotal swelling**
- 2009 - Discuss DD of **inguino-scrotal swelling**.

B. SURGERY SHEET

- C/p Complications and ttt of **undescended testicle**.
- Causes and management of **varicocele**.
- **Hydrocele** (types)
- Acute **torsion** of testicle
- C/p, ttt of **torsion** testicle
- D.D of **intra-scrotal swelling**.
- **T.B** of epididymitis.

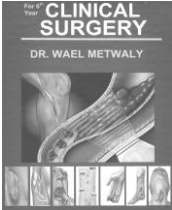
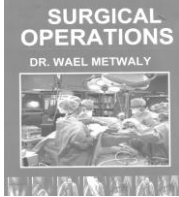
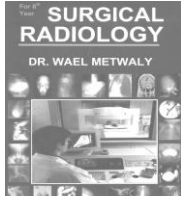
GOOD LUCK

Dr. WAEL METWALY

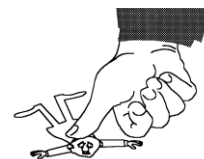
REVISION 15

ORTHOPAEDICS

BY DR. WAEL METWALY

★ Clinical  	★ Operative 
★ Instruments	★ X-rays  ➤ <u>Plain X- ray:</u> - # of upper limb - # of lower limb - # spine - Chronic Osteomyelitis - Pott's disease - Hyperparathyroidism - Exostosis - Osteoclastoma - Osteosarcoma - Chondrosarcoma

EXAMS



A. Written Questions

B. Surgery sheet

GENERAL PRINCEPLES

A. WRITTEN QUESTIONS

- 2000 - Discuss complications of **supracondylar fracture of humerus**.
- 2005 - Discuss complications of **supra condylar fracture**.
- 2010 - Enumerate **complications of fractures**.

B. SURGERY SHEET

- **Types, ttt, complications** of fracture of long bones.
- **Local complications** of fracture.

INJURIES OF UPPER LIMB

A. WRITTEN QUESTIONS

- 2000 - Discuss complications of **supra-condylar** fractures of humerus.
- 2001 - Discuss diagnosis and treatment of **Colle's** fracture
- 2003 - Discuss complications of **supracondylar fracture of humerus**.
- 2004 - Discuss clinical picture & treatment of **Colle's** fracture
- 2007 - Discuss complications of **supracondylar fracture of humerus**
- 2009 - Discuss management of **Colle's** fracture.
- 2011 - Discuss **Colle's** fracture.

B. SURGERY SHEET

- **Colle's** fracture
- Diagnosis and ttt of **supracondylar** fracture of **humerus**.
- Mechanism and ttt of **dislocation of shoulder**.
- Injuries sustained after stab wound **above medial epicondyle** of humerus.
- **Supracondylar fracture** types, ttt, complications.
- ttt of **recurrent dislocation of shoulder joint**.

INJURIES OF LOWER LIMB & SPINE

A. WRITTEN QUESTIONS

2002 - Discuss complications of **injuries around knee**

2010 - Discuss Management of **fracture neck femur**

B. SURGERY SHEET

- Diagnosis and ttt of fracture of **shaft of femur**.
- Types and management of **pott's fracture**.
- **Fracture neck femur** (causes & ttt).
- Management & complications of **compound fracture of middle of femur**.
- Management of compound fracture of **both bones of legs**.
- Types and management of **fracture around the ankle joint**

INFLAMMATIONS

SURGERY SHEET

Diagnosis, ttt of chronic **osteomyelitis** of tibia.

- Pathology, c\ p and ttt of **pott's disease** of 3rd thoracic spine.
- Acute **osteomyelitis**

NEOPLASMS

SURGERY SHEET

- Pathology of **malignant tumors** of bone.
- Symptoms investigations & ttt of **sarcoma** bones.
- D.D. of **bony swelling**

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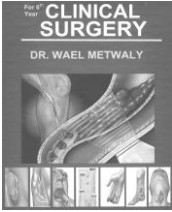
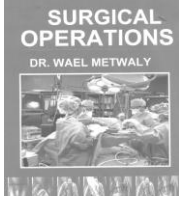
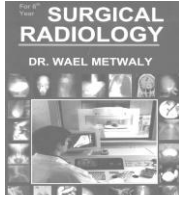
REVISION 16

CARDIOTHORACIC

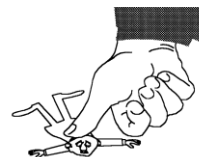
NEUROSURGERY

ANAESTHESIA

BY DR. Wael METWALY

★ Clinical  	★ Operative 
★ Instruments	★ X-rays  ➤ <u>Plain X-ray:</u> - # RIBS - Haemothorax - Pneumothorax - Fissured # skull - Depressed # skull ➤ <u>CT Scan :</u> - Extra-dural Haematoma - Sub- dural Haematoma - Brain Tumor

EXAMS



A. Written Questions

B. Surgery sheet

1 CARDIOTHORACIC

A. WRITTEN QUESTIONS

- 2000 - Discuss **Pneumothorax**
- 2001 - Discuss basic steps of **cardiopulmonary resuscitation**.
 - Enumerate **complications** of fracture ribs
- 2003 - Discuss management of traumatic **hemothorax**.
- 2004 - Discuss management of traumatic **hemothorax**.
 - Discuss first aid of **cardio pulmonary resuscitation**
- 2005 - Discuss management of **tension pneumothorax**.
 - Discuss **Post-operative pulmonary complications**.
- 2006 - Discuss **Cardio-pulmonary resuscitation**.
- 2007 - Discuss **Pneumothorax**
- 2009 - Discuss Pathology of **bronchogenic carcinoma**.
- 2011 - Discuss management of **empyema**

B. SURGERY SHEET

- **Cardiac arrest**.
- C/p and ttt of traumatic **pneumothorax**
- Diagnosis and management of **penetrating chest injuries**.
- Types and management of **empyema thoracis**.
- Causes and treatment of **hemothorax**
- Diagnosis and management of **closed chest injuries**
- Pathology and ttt of **lung abscess** .
- **Post-operative pulmonary complications**
- Immediate result of **stab wound of the chest**.
- Short account on **fractures of the ribs**.
- Pathology and symptomatology of **bronchogenic carcinoma**.
- Causes & ttt of **pneumothorax**.
- Symptoms of **bronchogenic carcinoma**

2 NERVE INJURY

A. WRITTEN QUESTIONS

2001 - Discuss anatomy of **ulnar nerve** below the elbow.

B. SURGERY SHEET

- Principles of treatment of **peripheral nerves injury**
- Result of **median** nerve injury above rest
- Describe signs and symptoms of **ulnar** nerve injury in the hand
- Injury of the **ulnar** nerve in wrist.
- **Brachial plexus** injuries
- Diagnosis of **nerve injury** below elbow
- Injury of **lateral popliteal** nerve

3 NEUROSURGEY

A. WRITTEN QUESTIONS

2000 - Discuss symptoms, signs and investigations of **Extradural hematoma**.

2002 - Discuss **Extradural hemorrhage**.

2004 - Discuss diagnosis & treatment of **Extradural hemorrhage**.

2006 - Discuss **Extradural hemorrhage**(treatment & diagnosis)

2007 - Discuss **Extradural hemorrhage**

2009 - Discuss management of **Extradural hemorrhage**.

2011 - Discuss management of **Extradural hemorrhage**.

B. SURGERY SHEET

- Diagnosis and ttt of **Extra-dural** hemorrhage
- Initial management of **closed head injuries**
- Management of **fissure fracture** of the skull

- C/p of **depressed fracture of the skull**
- **Subdural** hematoma
- Diagnosis and ttt of **compound depressed** skull fracture
- Causes and diagnosis of **fracture base** of the skull
- C/p & ttt of **middle meningeal hemorrhage**

4 ANAESTHESIA

A. WRITTEN QUESTIONS

- 2000 - Discuss complications of **spinal** anesthesia.
- 2001 - Discuss complications of **spinal** anesthesia.
- 2002 - Discuss **spinal** anesthesia.
- 20011 - Discuss complications of **spinal** anesthesia
 - Discuss complications of **general** anesthesia.

B. SURGERY SHEET

- Give an account on **local** anesthesia
- Complications of **spinal** anesthesia.
- Complications of **local** anesthesia
- Cardiovascular and pulmonary complications of **general** anesthesia
- Preparation for **general** anesthesia

5 ANATOMY

- **Anatomy of the femoral triangle**
- **Anatomy of the femoral artery**
- **Anatomy of the sub-sartorial canal**
- **Anatomy of the axillary artery**
- **Anatomy of the first part of axillary artery (2008)**
- Anatomy of the femoral sheath
- Anatomy of the thyroid gland
- Anatomy of the blood supply of the thyroid

- Blood supply & lymph drainage of thyroid
- Anatomy of the carotid sheath
- **Anatomy of the biliary system**
- **Anatomy of the spleen**
- Anatomy of the **ulnar nerve** below the elbow
- Anatomy of the **median nerve** below the elbow
- Anatomy of the stomach bed
- Anatomy of the right kidney.
- Anatomy of the left kidney.
- Anatomy of the urinary bladder
- Anatomy of the prostate .
- **Anatomy of the appendix**
- **Anatomy of the anal canal**
- **Anatomy of the portal circulation.**
- **Anatomy of the inguinal canal**
- **Arterial supply of the stomach**
- Anatomy of psoas major
- Anatomy of **popliteal fossa** (2010)

بِسْمِ اللَّهِ
GOOD LUCK

Dr. Wael Metwally

مراجعة الجراحة عامة

الفرقة السادسة (طب الأزهر)

اليوم	التاريخ	Subject
1	الاحد	26 - 8 - 2012 Breast disorders
2	الاثنين	27 - 8 - 2012 General part 1 شرح
3	الثلاثاء	28 - 8 - 2012 Thyroid disorders
4	الاحد	2 - 9 - 2012 Arterial disorders
5	الاثنين	3 - 9 - 2012 General part 2 شرح
6	الثلاثاء	4 - 9 - 2012 Venous & lymphatics disorders
7	الاحد	9 - 9 - 2012 Skin & S.C. disorders
8	الاثنين	10 - 9 - 2012 General part 3 شرح
9	الثلاثاء	11 - 9 - 2012 Head & neck disorders
10	الاحد	16 - 9 - 2012 Hernia
11	الاثنين	17 - 9 - 2012 Clinical part 1
12	الثلاثاء	18 - 9 - 2012 Inguino-scrotum
13	الاحد	23 - 9 - 2012 Oesophagus + Stomach (1)
14	الاثنين	24 - 9 - 2012 Clinical part 2
15	الثلاثاء	25 - 9 - 2012 Stomach (2) + Portal hypertension
16	الاحد	30 - 9 - 2012 Spleen + Liver + Gall stones
17	الاثنين	1 - 10 - 2012 Clinical part 3
18	الثلاثاء	2 - 10 - 2012 O.J + Pancreatitis + Appendicitis
19	الاحد	7 - 10 - 2012 Peritonitis + Small & Large intestine
20	الاثنين	8 - 10 - 2012 Intestinal obstruction
21	الثلاثاء	9 - 10 - 2012 Anal canal
22	الاحد	14 - 10 - 2012 Urology (1)
23	الاثنين	15 - 10 - 2012 Urology (2)
24	الثلاثاء	16 - 10 - 2012 Neuro-surgery + Cardio-thoracic + Anesthesia
25	الاحد	21 - 10 - 2012 Orthopedics (1)
26	الاثنين	22 - 10 - 2012 Orthopedics (2)
	الثلاثاء	23 - 10 - 2012 حفل الختام



د/ وائل متولى

المواعيد : الساعة ٤ - ٨:٣٠ مساء

للإستعلام : سنتر يوسف مال الله : ٠١٠٠٦٢٦٧٢٩٠

والله ولى التوفيق

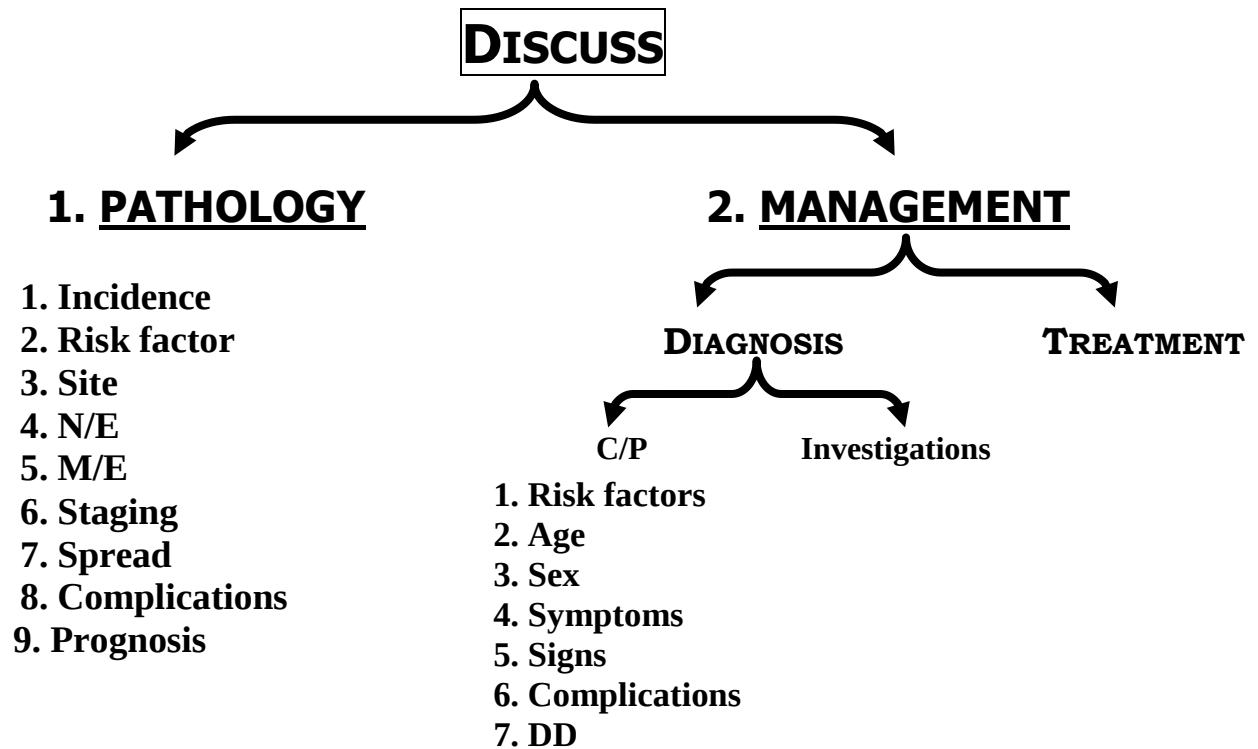
REVISION

ON

SURGERY

BY DR. WÆEL METWÆLY

How to Answer Questions?



3. DISCUSS SUBJECT

- ★ Definition
- ★ Incidence
- ★ Classifications = Types
- ★ Aetiology ± Risk Factors
- ★ Pathology ± Pathogenesis
- ★ Clinical picture
- ★ Investigations
- ★ Treatment
- ★ Prognosis

ملاحظات هامة ونصائح

- (١) المراجعة الاولى هي المذاكرة وحفظ بنسبة ٨٠ % فلا تنسى المراجعة الثانية .
- (٢) يمكنك تعديل الجدول بشكل شخصى ولكن برجاء الحفاظ على التنظيم العام للجدول .
- (٣) الغرض من الجدول هو وضع معيار تسير عليه وليس بشرط إنجازه حرفيًا ولكن الغرض هو معرفة طريقة المذاكرة الصحيحة.

والآن تذكر

★ عند بدء المذاكرة

بسم الله ... ربنا خلّيك توكلنا وإليك أنبنا وإليك المصير .

★ عندما يوسوس الشيطان أثناء المذاكرة

وقل رب أعوذ بك من همزات الشياطين وأعوذ بك رب أن يحضرون .

★ عندما تنسى شيئاً عند المذاكرة

ربنا لا تؤاخذنا إن نسينا أو أخطأنا

★ عندما يصعب أمر فى المذاكرة

اللهم لا سهل إلا ما جعلته سهلاً وأنت تجعل الصعب إن شئت سهلاً .

★ عندما تنتهى من المذاكرة

الحمد لله الذى تتم ب نعمته الصلوات .



With My Best Wishes

Dr. Wael Metwally

وتذكر دائما الآتى

١ - حلاوتها فى زنقتها

٢ - هون على نفسك

٣ - أيام وتعدى يا عسل

٤ - دقت ساعة العمل

وإذا لم تستطيع (Relax & Enjoy)

ولو مفيش فايدة إتجه إلى الزواج المبكر